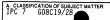


INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference									
Applicant's or agent's life reference	FOR FURTHER	see Form PCT/ISA/220							
027830-4722	ACTION as well	as, where applicable, item 5 below.							
International application No.	International filing date (day/month/year)	(Earliest) Priority Date (day/month/year)							
PCT/US2004/015886	20/05/2004	20/05/2003							
Applicant									
JOHNSON CONTROLS TECHNOLOGY COMPANY									
This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.									
This International Search Report consists	of a total of sheets.								
_	a copy of each prior art document cited in this	report.							
Basis of the report With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.									
The international search was carried out on the basis of a franslation of the international application furnished to this Authority (Rule 23.1(b)).									
b. With regard to any nucleo									
2. Certain claims were four	Certain claims were found unsearchable (See Box II).								
3. Unity of invention is lack	king (see Box III).								
4. With regard to the title,									
X the text is approved as su	bmitted by the applicant.								
the text has been establis	the text has been established by this Authority to read as follows:								
	•								
	,								
5. With regard to the abstract,									
X the text is approved as si	ubmitted by the applicant.								
the text has been establismay, within one month from	shed, according to Rule 38.2(b), by this Author om the date of mailing of this international sear	ity as it appears in Box No. IV. The applicant ch report, submit comments to this Authority.							
6. With regards to the drawings,									
a the figure of the drawings to be	published with the abstract is Figure No. 3								
a. the lighted the drawings to be									
as selected by th	nis Authority, because the applicant failed to su	ggest a figure.							
as selected by the	nis Authority, because this figure better charact	erizes the invention.							
	be published with the abstract.								
1									





According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) IPC 7 G08C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.	
X	FR 2 792 444 A (LAI JUNG HUA) 20 October 2000 (2000-10-20) page 2, line 16 - page 4, line 14 page 8, line 5 - page 11, line 22	1,2,6-26	
А	WO 00/70577 A (U S ELECTRONICS COMPONENTS COR) 23 November 2000 (2000-11-23) page 7, line 17 - line 31 page 11, line 13 - page 12, line 9	1,8,15, 21,23	
A	WO 02/080129 A (KONINKL PHILIPS ELECTRONICS NV) 10 October 2002 (2002-10-10) page 2, line 12 - page 3, line 24 page 9, line 23 - page 10, line 19	1,8,15, 21,23	

Further documents are listed in the continuation of box C.

Patent family members are listed in annex. IX I

- * Special categories of cited documents :
- "A" document defining the general state of the lart which is not considered to be of particular relevance
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- filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or
- other means *P* document published prior to the international filing date but later than the priority date claimed
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- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the
- invention *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
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- "&" document member of the same patent tamily

Date of mailing of the international search report

3 December 2004 Name and mailing address of the ISA

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10/12/2004

Kokkoraki, A

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